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03941 U.S. PTO  
10/642641  
08/19/03

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| <b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b><br><br><small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small> |  | Attorney Docket No. <b>M4065.0541/P541-A</b>                                |  |
|   |  | First Inventor <b>Weimin Li</b>   |  |
|   |  | Title <b>METHOD OF MAKING A MEMORY CELL CAPACITOR WITH TA2O5 DIELECTRIC</b> |  |
|   |  | Express Mail Label No.  |  |

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| <b>APPLICATION ELEMENTS</b><br><br>See MPEP chapter 600 concerning utility patent application contents. | <b>ADDRESS TO:</b><br>MS Patent Application<br>Commissioner for Patents<br>P.O. Box 1450<br>Alexandria, VA 22313-1450 |
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|---|--|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)<br><small>(Submit an original, and a duplicate for fee processing)</small><br>2. <input type="checkbox"/> Applicant claims small entity status.<br><small>See 37 CFR 1.27.</small><br>3. <input checked="" type="checkbox"/> Specification <span style="float: right;">[Total Pages <b>29</b>]</span><br><small>(preferred arrangement set forth below)</small> <ul style="list-style-type: none"> <li>- Descriptive title of the invention</li> <li>- Cross Reference to Related Applications</li> <li>- Statement Regarding Fed sponsored R &amp; D</li> <li>- Reference to sequence listing, a table, or a computer program listing appendix</li> <li>- Background of the invention</li> <li>- Brief Summary of the invention</li> <li>- Brief Description of the Drawings (if filed)</li> <li>- Detailed Description</li> <li>- Claim(s)</li> <li>- Abstract of the Disclosure</li> </ul> 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) <span style="float: right;">[Total Sheets <b>10</b>]</span><br>5. Oath or Declaration <span style="float: right;">[Total Sheets <b>2</b>]</span> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Newly executed (original or copy)</li> <li>b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))<br/> <small>(for continuation/divisional with Box 18 completed)</small> <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b><br/> <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></li> </ul> </li> </ul> 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i><br>8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> Computer Readable Form (CRF)</li> <li>b. Specification Sequence Listing on:             <ul style="list-style-type: none"> <li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li> <li>ii. <input type="checkbox"/> Paper</li> </ul> </li> <li>c. <input type="checkbox"/> Statements verifying identity of above copies</li> </ul> |
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|---|
| <b>ACCOMPANYING APPLICATIONS PARTS</b>  |
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))<br>10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney<br><small>(when there is an assignee)</small><br>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i><br>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations<br>13. <input checked="" type="checkbox"/> Preliminary Amendment<br>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)<br><small>(Should be specifically itemized)</small><br>15. <input type="checkbox"/> Certified Copy of Priority Document(s)<br><small>(if foreign priority is claimed)</small><br>16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).<br><small>Applicant must attach form PTO/SB/35 or its equivalent.</small><br>17. <input type="checkbox"/> Other: |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

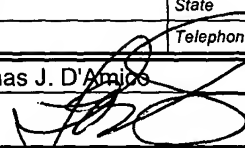
☐ Continuation   
 ☒ Divisional   
 ☐ Continuation-in-part (CIP)   
 of prior application No.: 10/137,424  
 Prior application information: Examiner J. Garcia    Art Unit: 2823

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

|   |            |           |                |
|---|------------|-----------|----------------|
| <b>19. CORRESPONDENCE ADDRESS</b>   |            |           |                |
| <input checked="" type="checkbox"/> Customer Number: <u>24998</u> OR <input checked="" type="checkbox"/> Correspondence address below |            |           |                |
| Name <b>DICKSTEIN SHAPIRO MORIN &amp; OSHINSKY LLP</b><br><b>Thomas J. D'Amico</b>  |            |           |                |
| Address <b>2101 L Street NW</b>   |            |           |                |
| City  | Washington | State     | DC             |
| Zip Code  | 20037-1526 |           |                |
| Country   | US         | Telephone | (202) 785-9700 |
|   |            | Fax       | (202) 887-0689 |

|                   |   |                                   |                 |
|-------------------|---|-----------------------------------|-----------------|
| Name (Print/Type) | Thomas J. D'Amico   | Registration No. (Attorney/Agent) | 28,371          |
| Signature         |  | Date                              | August 19, 2003 |

13281 U.S. PTO  
-08/19/03

PTO/SB/17 (05-03)  
Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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| <b>FEE TRANSMITTAL<br/>for FY 2003</b>   |  |  |  | <i>Complete if Known</i> |  |                   |  |
|--|--|--|--|--------------------------|--|-------------------|--|
| <i>Effective 01/01/2003, Patent fees are subject to annual revision.</i>       |  |  |  | Application Number       |  | Not Yet Assigned  |  |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 |  |  |  | Filing Date              |  | August 19, 2003   |  |
| <b>TOTAL AMOUNT OF PAYMENT</b> (\$ ) 858.00                                    |  |  |  | First Named Inventor     |  | Weimin Li         |  |
|  |  |  |  | Examiner Name            |  | J. Garcia         |  |
|  |  |  |  | Art Unit                 |  | 2823              |  |
|  |  |  |  | Attorney Docket No.      |  | M4065.0541/P541-A |  |

| METHOD OF PAYMENT (check all that apply)  |          |              |                | FEE CALCULATION (continued)   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
|---|----------|--------------|----------------|---|--------------------------------|--------------|----------------|--|--------------|--------------|-----------|-----------------|----------|--------------------|----------|----------|----------|--------------------|--------------------|------|-----|-------------------------------------|-----|-------------------|----|--------------|-----|--|----------|------------------|----------|----------|------|---------------------------|------|--------------------|------------------------|------|-------|--|----|-----------------------------------|------|---------------------|------|--|---------------------------------------|-------|--------|------|--------|---|------|------|------|------|--|--|--|------|-----|--------------|-----|---|--|------|-----|------|-----|--|--|------|-------|------|-----|---|--|------|-------|------|-----|--|--|------|-----|------|-----|------------------|--|------|-----|------|-----|--|--|------|-----|------|-----|--------------------------|--|------|-------|------|-------|---|--|------|-----|------|----|----------------------------------|--|------|-------|------|-----|------------------------------------|--|------|-------|------|-----|--------------------------------|--|------|-----|------|-----|------------------|--|------|-----|------|-----|-----------------|--|------|-----|------|-----|-------------------------------|--|------|----|------|----|-------------------------------------|--|------|-----|------|-----|---|--|------|----|------|----|--|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|------|-----|------|-----|---|--|---------------------|--|--|--|------|--------------------------------|----------------------------------|--|--|--|---------------------------|--|
| <input type="checkbox"/> Check <input checked="" type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None  |          |              |                | <b>3. ADDITIONAL FEES</b><br><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1,450</td><td>2254</td><td>725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1,970</td><td>2255</td><td>985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td>1,300</td><td>2453</td><td>650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td>1,300</td><td>2501</td><td>650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td>For each additional invention to be examined (37CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify)</td> <td>1615</td> <td>Claims - extra total (over 20)</td> </tr> <tr> <td colspan="4" style="text-align: right;"><b>Subtotal (1)</b> (\$ ) 750.00</td> <td colspan="2" style="text-align: right;"><b>Subtotal (3)</b> (\$ )</td> </tr> </tbody> </table> |                                |              |                | Large Entity   |              | Small Entity |           | Fee Description | Fee Paid | Fee Code           | Fee (\$) | Fee Code | Fee (\$) | 1051               | 130                | 2051 | 65  | Surcharge - late filing fee or oath |     | 1052              | 50 | 2052         | 25  | Surcharge - late provisional filing fee or cover sheet |          | 1053             | 130      | 1053     | 130  | Non-English specification |      | 1812               | 2,520                  | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination |    | 1804                              | 920* | 1804                | 920* | Requesting publication of SIR prior to Examiner action |                                       | 1805  | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action |      | 1251 | 110  | 2251 | 55   | Extension for reply within first month |  | 1252 | 410 | 2252         | 205 | Extension for reply within second month |  | 1253 | 930 | 2253 | 465 | Extension for reply within third month |  | 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month |  | 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month |  | 1401 | 320 | 2401 | 160 | Notice of Appeal |  | 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal |  | 1403 | 280 | 2403 | 140 | Request for oral hearing |  | 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding |  | 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable |  | 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional |  | 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) |  | 1502 | 470 | 2502 | 235 | Design issue fee |  | 1503 | 630 | 2503 | 315 | Plant issue fee |  | 1460 | 130 | 1460 | 130 | Petitions to the Commissioner |  | 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) |  | 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt |  | 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) |  | 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR 1.129(a)) |  | 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37CFR 1.129(b)) |  | 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) |  | 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application |  | Other fee (specify) |  |  |  | 1615 | Claims - extra total (over 20) | <b>Subtotal (1)</b> (\$ ) 750.00 |  |  |  | <b>Subtotal (3)</b> (\$ ) |  |
| Large Entity  |          | Small Entity |                |   |                                |              |                | Fee Description  | Fee Paid     |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Fee Code  | Fee (\$) | Fee Code     | Fee (\$)       |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1051  | 130      | 2051         | 65             |   |                                |              |                | Surcharge - late filing fee or oath                    |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1052  | 50       | 2052         | 25             |   |                                |              |                | Surcharge - late provisional filing fee or cover sheet |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1053  | 130      | 1053         | 130            | Non-English specification   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1812  | 2,520    | 1812         | 2,520          | For filing a request for <i>ex parte</i> reexamination  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1804  | 920*     | 1804         | 920*           | Requesting publication of SIR prior to Examiner action  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1805  | 1,840*   | 1805         | 1,840*         | Requesting publication of SIR after Examiner action   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1251  | 110      | 2251         | 55             | Extension for reply within first month  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1252  | 410      | 2252         | 205            | Extension for reply within second month   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1253  | 930      | 2253         | 465            | Extension for reply within third month  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1254  | 1,450    | 2254         | 725            | Extension for reply within fourth month   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1255  | 1,970    | 2255         | 985            | Extension for reply within fifth month  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1401  | 320      | 2401         | 160            | Notice of Appeal  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1402  | 320      | 2402         | 160            | Filing a brief in support of an appeal  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1403  | 280      | 2403         | 140            | Request for oral hearing  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1451  | 1,510    | 1451         | 1,510          | Petition to institute a public use proceeding   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1452  | 110      | 2452         | 55             | Petition to revive - unavoidable  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1453  | 1,300    | 2453         | 650            | Petition to revive - unintentional  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1501  | 1,300    | 2501         | 650            | Utility issue fee (or reissue)  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1502  | 470      | 2502         | 235            | Design issue fee  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1503  | 630      | 2503         | 315            | Plant issue fee   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1460  | 130      | 1460         | 130            | Petitions to the Commissioner   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1807  | 50       | 1807         | 50             | Processing fee under 37 CFR 1.17(q)   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1806  | 180      | 1806         | 180            | Submission of Information Disclosure Stmt   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 8021  | 40       | 8021         | 40             | Recording each patent assignment per property (times number of properties)  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1809  | 750      | 2809         | 375            | Filing a submission after final rejection (37 CFR 1.129(a))   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1810  | 750      | 2810         | 375            | For each additional invention to be examined (37CFR 1.129(b))   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1801  | 750      | 2801         | 375            | Request for Continued Examination (RCE)   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1802  | 900      | 1802         | 900            | Request for expedited examination of a design application   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Other fee (specify)   |          |              |                | 1615  | Claims - extra total (over 20) |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>Subtotal (1)</b> (\$ ) 750.00  |          |              |                | <b>Subtotal (3)</b> (\$ )   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <input type="checkbox"/> Deposit Account<br>Deposit Account Number: 04-1073<br>Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP<br>The Director is hereby authorized to: (check all that apply)<br><input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments<br><input type="checkbox"/> Charge any additional fee(s) during the pendency of this application<br><input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.  |          |              |                |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>FEE CALCULATION</b>  |          |              |                |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>1. BASIC FILING FEE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> <th rowspan="2">Fee Paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1001</td><td>750</td><td>2001</td><td>375</td><td>Utility filing fee</td><td>750.00</td></tr> <tr><td>1002</td><td>330</td><td>2002</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>1003</td><td>520</td><td>2003</td><td>260</td><td>Plant filing fee</td><td></td></tr> <tr><td>1004</td><td>750</td><td>2004</td><td>375</td><td>Reissue filing fee</td><td></td></tr> <tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4" style="text-align: right;"><b>Subtotal (1)</b></td> <td>(\$ )</td> <td>750.00</td> </tr> </tbody> </table>  |          |              |                | Large Entity  |                                | Small Entity |                | Fee Description  | Fee Paid     | Fee Code     | Fee (\$)  | Fee Code        | Fee (\$) | 1001               | 750      | 2001     | 375      | Utility filing fee | 750.00             | 1002 | 330 | 2002                                | 165 | Design filing fee |    | 1003         | 520 | 2003   | 260      | Plant filing fee |          | 1004     | 750  | 2004                      | 375  | Reissue filing fee |                        | 1005 | 160   | 2005   | 80 | Provisional filing fee            |      | <b>Subtotal (1)</b> |      |  |                                       | (\$ ) | 750.00 |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Large Entity  |          | Small Entity |                | Fee Description   | Fee Paid                       |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Fee Code  | Fee (\$) | Fee Code     | Fee (\$)       |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1001  | 750      | 2001         | 375            | Utility filing fee  | 750.00                         |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1002  | 330      | 2002         | 165            | Design filing fee   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1003  | 520      | 2003         | 260            | Plant filing fee  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1004  | 750      | 2004         | 375            | Reissue filing fee  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1005  | 160      | 2005         | 80             | Provisional filing fee  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>Subtotal (1)</b>   |          |              |                | (\$ )   | 750.00                         |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE</b><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2"></th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>26</td> <td>-20** = 6</td> <td>x 18.00 =</td> <td>108.00</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3** =</td> <td>x</td> <td>0.00</td> </tr> <tr> <td>Multiple Dependent</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table><br><table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="2">Large Entity</th> <th colspan="2">Small Entity</th> <th rowspan="2">Fee Description</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> </tr> </thead> <tbody> <tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td></tr> <tr><td>1201</td><td>84</td><td>2201</td><td>42</td><td>Independent claims in excess of 3</td></tr> <tr><td>1203</td><td>280</td><td>2203</td><td>140</td><td>Multiple dependent claim, if not paid</td></tr> <tr><td>1204</td><td>84</td><td>2204</td><td>42</td><td>** Reissue independent claims over original patent</td></tr> <tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td></tr> <tr> <td colspan="4" style="text-align: right;"><b>Subtotal (2)</b></td> <td>(\$ ) 108.00</td> </tr> </tbody> </table> |          |              |                |   |                                | Extra Claims | Fee from below | Fee Paid   | Total Claims | 26           | -20** = 6 | x 18.00 =       | 108.00   | Independent Claims | 3        | -3** =   | x        | 0.00               | Multiple Dependent |      |     |                                     |     | Large Entity      |    | Small Entity |     | Fee Description  | Fee Code | Fee (\$)         | Fee Code | Fee (\$) | 1202 | 18                        | 2202 | 9                  | Claims in excess of 20 | 1201 | 84    | 2201   | 42 | Independent claims in excess of 3 | 1203 | 280                 | 2203 | 140  | Multiple dependent claim, if not paid | 1204  | 84     | 2204 | 42     | ** Reissue independent claims over original patent  | 1205 | 18   | 2205 | 9    | ** Reissue claims in excess of 20 and over original patent | <b>Subtotal (2)</b>                    |  |      |     | (\$ ) 108.00 |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
|   |          | Extra Claims | Fee from below | Fee Paid  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Total Claims  | 26       | -20** = 6    | x 18.00 =      | 108.00  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Independent Claims  | 3        | -3** =       | x              | 0.00  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Multiple Dependent  |          |              |                |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Large Entity  |          | Small Entity |                | Fee Description   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| Fee Code  | Fee (\$) | Fee Code     | Fee (\$)       |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1202  | 18       | 2202         | 9              | Claims in excess of 20  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1201  | 84       | 2201         | 42             | Independent claims in excess of 3   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1203  | 280      | 2203         | 140            | Multiple dependent claim, if not paid   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1204  | 84       | 2204         | 42             | ** Reissue independent claims over original patent  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| 1205  | 18       | 2205         | 9              | ** Reissue claims in excess of 20 and over original patent  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| <b>Subtotal (2)</b>   |          |              |                | (\$ ) 108.00  |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |
| **or number previously paid, if greater; For Reissues, see above  |          |              |                |   |                                |              |                |  |              |              |           |                 |          |                    |          |          |          |                    |                    |      |     |                                     |     |                   |    |              |     |  |          |                  |          |          |      |                           |      |                    |                        |      |       |  |    |                                   |      |                     |      |  |                                       |       |        |      |        |   |      |      |      |      |  |  |  |      |     |              |     |   |  |      |     |      |     |  |  |      |       |      |     |   |  |      |       |      |     |  |  |      |     |      |     |                  |  |      |     |      |     |  |  |      |     |      |     |                          |  |      |       |      |       |   |  |      |     |      |    |                                  |  |      |       |      |     |                                    |  |      |       |      |     |                                |  |      |     |      |     |                  |  |      |     |      |     |                 |  |      |     |      |     |                               |  |      |    |      |    |                                     |  |      |     |      |     |   |  |      |    |      |    |  |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |      |     |      |     |   |  |                     |  |  |  |      |                                |                                  |  |  |  |                           |  |

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